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(54) AUTOMATIC MULTI-ITEM ANALYZER

(57) Abstract:

PURPOSE: To increase the fraction collecting speed by arranging a rotary diverter valve connected to a central common passage at an outlet/inlet of a syringe and a feed-water valve mounted to a feed water with one end thereof connected to a cylinder of a syringe.

CONSTITUTION: A selector valve 32 for item selection comprises two parts 32a and 32b rotating airtight coaxially while paths are connected to a reagent bottle 22 through a three-way selector 36 housed in a cold reserving chamber 26. The other port of the three-way selector valve 36 is connected to a reagent nozzle 9 set on a reactor 3. With such an arrangement, the number of items can be increased easily with additional installation of a switch back passage, a condensed reagent and a discharge nozzle 9 to be connected to the selector valve 32.

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